

IIP Docket No. 10013720-1

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) In a system comprising an imaging device that is operatively coupled across a network to a server computer, a method comprising:
detecting, by the imaging device, a media ID from print media, the media ID substantially unique to a type of the print media;
responsive to detecting the media ID, determining whether any predetermined sets of media parameters contained in the imaging device correspond to the media ID and at least one of a model type of the imaging device, a software version of the imaging device, or a packaging type of the print media; and
if none of the predetermined sets of media parameters correspond,
downloading a set of media parameters corresponding to the media ID and at least one of the model type of the imaging device, the software version of the imaging device, or the packaging type of the print media from the server computer to the imaging device and
automatically configuring the imaging device based on the media parameters downloaded to the imaging device.
2. (Original) A method as recited in claim 1, wherein detecting the media ID is performed responsive to determining that print media has been loaded into a print media supply tray or roll that is coupled to the imaging device.
3. (Original) A method as recited in claim 1, wherein detecting the media ID is performed responsive to receiving an imaging job request.

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4. (Previously presented) A method as recited in claim 1, wherein downloading the media parameters further comprises:

communicating, by the imaging device, a media parameter request message to the server computer, the media parameter request message comprising the media ID; and

the imaging device receiving a media parameter response message comprising the media parameters from the server computer.

5-8. (Canceled)

9. (Previously presented) The method of claim 1, further comprising:

responsive to downloading the set of media parameters; updating a look-up-table at the imaging device to map the media ID to the set of media parameters.

10. (Previously presented) The method of claim 1, further comprising:

responsive to downloading the set of media parameters, updating a look-up-table at the imaging device to map the media ID to the set of media parameters such that the look-up-table indicates a plurality of most recently used media ID to set of media parameter mappings.

11. (Currently amended) A computer-readable medium comprising computer-executable instructions, the computer-executable instructions comprising instructions for:

detecting, by an imaging device, a media ID from print media, the media ID substantially unique to a type of the print media;

responsive to detecting the media ID, determining whether any predetermined sets of media parameters contained in the imaging device correspond to the media ID and at least one of a model type of the imaging device, a software version of the imaging device, or a packaging type of the print media; and

if none of the predetermined sets of media parameters correspond,

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downloading a set of media parameters corresponding to the media ID and at least one of the model type of the imaging device, the software version of the imaging device, or the packaging type of the print media from a server computer that is operatively coupled to the imaging device across a network to the imaging device and

automatically configuring the imaging device based on the media parameters downloaded to the imaging device.

12. (Previously presented) A computer-readable medium as recited in claim 11, wherein the instructions for detecting the media ID are performed responsive to computer-executable instructions that make a determination that print media has been loaded into a print media supply tray or roll that is coupled to the imaging device.

13. (Original) A computer-readable medium as recited in claim 11, wherein the instructions for detecting the media ID are performed responsive to computer-executable instructions indicating that an imaging job request has been received.

14. (Previously presented) A computer-readable medium as recited in claim 11, wherein the instructions for downloading the media parameters further comprise instructions for:

communicating, by the imaging device, a media parameter request message to the server computer, the media parameter request message comprising the media ID; and

the imaging device receiving a media parameter response message comprising the media parameters from the server computer.

15. (Previously presented) In a system comprising a server computer that is operatively coupled across a network to an imaging device, a method comprising:

receiving, by the server computer, a media parameter request message comprising a substantially unique media ID that corresponds to a particular type of print media, and at least

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one of a model type of the imaging device, a software version of the imaging device, and a packaging type of the print media, the media parameter request message having been communicated to the server computer by the imaging device;

responsive to receiving the media parameter request message, evaluating a remote look-up-table to determine a set of media parameters that correspond to the substantially unique media ID and the at least one of a model type of the imaging device, a software version of the imaging device, and a packaging type of the print media; and

downloading the media parameters to the imaging device.

16. (Original) A method as recited in claim 15, wherein downloading the media parameters further comprises:

communicating, by the server device, a response message to the imaging device that comprises the media parameters.

17. (Previously presented) A computer-readable medium comprising computer-executable instructions, the computer-executable instructions comprising instructions for:

receiving, by a server computer, a media parameter request message comprising a substantially unique media ID that corresponds to a particular type of print media, and at least one of a model type of the imaging device, a software version of the imaging device, and a packaging type of the print media, the media parameter request message having been communicated to the server computer by an imaging device that is operatively coupled to the server computer across a network;

responsive to receiving the media parameter request message, evaluating a remote look-up-table to determine a set of media parameters that correspond to the substantially unique media ID and the at least one of a model type of the imaging device, a software version of the imaging device, and a packaging type of the print media; and

downloading the media parameters to the imaging device.

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18. (Currently amended) A computer-readable medium as recited in claim 17, wherein the instructions for downloading the media parameters further comprise instructions for:

communicating, by the server device, a response message to the imaging device that comprises the media parameters.

19. (Original) A server computer comprising computer executable instructions as recited in claim 17.

20-21. (Canceled)

22. (Previously presented) The method of claim 1, further comprising:

if at least one of the predetermined sets of media parameters correspond to the media ID, automatically configuring the imaging device based on the at least one predetermined set of media parameters.

23. (Previously presented) The method of claim 1, wherein the predetermined sets of media parameters include at least one set of media parameters prestored in the imaging device in unmodifiable form, and at least one set of media parameters previously downloaded from the server computer to the imaging device.

24. (Canceled)

25. (Previously presented) An imaging device, comprising:

a memory;

a look-up-table stored in the memory and that associates each of one or more predetermined media identifiers with a corresponding set of media parameters;

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a sensor configured to detect a media identifier from print media provided to the imaging device;

a communications module configured to, if the detected media identifier does not match any of the predetermined media identifiers, communicate the detected media identifier to a server computer coupled to the imaging device; and

a configuration module configured to, if a set of media parameters corresponding to the detected media identifier is received from the server computer, automatically configure the imaging device according to the received set of media parameters.

26. (Previously presented) The imaging device of claim 25, further comprising a management module configured to determine whether the detected media identifier matches any of the predetermined media identifiers in the look-up-table so as to ascertain a matching set of media parameters in the look-up-table.

27. (Previously presented) The imaging device of claim 26, wherein the look-up-table further maps each set of media parameters to one or more of an imaging device model type, an imaging device software version, or a media packaging type, and wherein the management module further compares at least one of a model type of the imaging device, a software version of the imaging device, and a packaging type of the print media with the look-up-table so as to ascertain the matching set of media parameters

28. (Previously presented) The imaging device of claim 25, wherein the look-up-table includes a first part disposed in a read-only portion of the memory and comprising at least one set of media parameters prestored in the imaging device, and a second part disposed in a read/write portion of the memory and comprising at least one set of media parameters previously downloaded from the server computer to the imaging device.

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29. (Previously presented) The imaging device of claim 28, wherein the at least one set of previously downloaded media parameters includes a plurality of sets of previously downloaded media parameters.

30. (Previously presented) The imaging device of claim 29, wherein the plurality of sets of previously downloaded media parameters comprises the most recently downloaded sets.

31. (Previously presented) The imaging device of claim 25, wherein the media identifier is substantially unique to the associated print media.

32. (Previously presented) The imaging device of claim 25, wherein the media identifier does not embody the corresponding set of media parameters.